

II. CLAIM AMENDMENTS

1. (Currently Amended) A method for forming a film-like optical coating creating an interference phenomenon on the surface of an object, ~~characterised in that~~ comprising

forming on a given first spot area on the object surface, there ~~is formed a film-like~~ a first optical coating, which creates a ~~given~~ first interference effect at a predetermined ~~given~~ wavelength of visible light,

forming on a given second spot area of said surface, there ~~is~~ created a ~~given~~ second interference effect at said wavelength of visible light, said second interference effect being different from said first interference effect, one of said effects being visible to the naked eye and the other of said effects being invisible to the naked eye.

2. (Currently Amended) A method according to claim 1, ~~characterised in that on a second spot~~ wherein one of said areas of said object, ~~is there is formed an~~ uncoated area, the interference effect whereof is the reflecting of visible light from said uncoated surface.

3. (Currently Amended) A method according to claim 1, ~~characterised in that~~ comprising forming on a said second spot area of said ~~object~~ surface, there ~~is formed a film-like~~ an optical coating with a ~~given~~ second interference effect at a ~~given~~ said wavelength of visible light.

4. (Currently Amended) A method according to claim 1, which comprises applying said coating by ~~eharaeterised in that in order to make the coatings, on the surface of the object to be coated there is essentially employed a CVD (Chemical Vapour Deposition) process.~~

5. (Currently Amended) A method according to claim 1, wherein said coating is applied by ~~eharaeterised in that in order to produce the coatings, on the surface of the object to be coated, there is essentially employed a PVD (Physical Vapour Deposition) process.~~

6. (Currently Amended) A method according to claim 1, which comprises applying said coating by ~~eharaeterised in that in order to produce the coatings, on the surface of the object to be coated, there is employed sputtering.~~

7. (Currently Amended) A method according to claim 1, which comprises tinting said ~~eharaeterised in that the coating is tinted by means of a colouring agent in order to achieve a given color nuance on the surface of the object being to be coated.~~

8. (Currently Amended) A method according to claim 1, which comprises focusing ~~eharaeterised in that in order to focus the coating on the surface of the object by means of to be coated there are created areas with different electrical charges.~~

9. (Currently Amended) A method according to claim 1, ~~characterised in that in order to focus~~ which comprises focusing the coating on the surface of the object ~~to be coated there are created areas with~~ by means of ~~different magnetic properties~~ fields.

10. (Currently Amended) A method according to claim 1, ~~characterised in that in order to produce a given~~ which comprises producing a coating pattern on the surface of the object ~~to be coated, by removing~~ some of the coating ~~is removed~~ by using an ion beam.

11. (Currently Amended) A method according to claim 1, ~~characterised in that it includes a step for marking~~ wherein one of said interference effects marks the object with an identifier.

12. (Currently Amended) A method according to claim 11, ~~characterised in that~~ wherein said identifier is a trade mark identifier.

13. (Currently Amended) A method according to claim 11, ~~characterised in that~~ wherein said identifier includes a symbol of a ~~lawful~~ licensed manufacturer of the object.

14. (Currently Amended) A method according to claim 11, ~~characterised in that it includes steps for marking the~~ wherein said interference effects comprise first identifiers which are

as ~~both~~ visible and second identifiers which are invisible for the naked eye.

15. (Currently Amended) A method according to claim 14, wherein said ~~characterised in that in the step for marking the~~ identifier which is ~~invisible ferto~~ the naked eye, ~~said identifier is realised as a sufficiently small identifier~~ is small in size.

16. (Currently Amended) A method according to claim 14, ~~characterised in that in the step for marking the~~ wherein said identifier ~~as~~ which is invisible ~~ferto~~ the naked eye, ~~said identifier is realised so that it can be detected on the basis of a given~~ by predetermined photon radiation.

17. (Currently Amended) An object coated with a ~~film like~~ an optical coating, ~~characterised in that it comprises~~ comprising

an object having on a given first spot area on the object surface thereof a ~~film like~~ an optical coating, which ~~is~~ arranged to create a given first interference effect at a given predetermined wavelength of visible light,

and having on a given second spot area on the object surface, ~~which is arranged to create~~ a given second interference effect at said wavelength of visible light, said second interference effect being different from said first interference effect.

18. (Currently Amended) An object according to claim 17, ~~characterised in that a second spot wherein one of said areas on~~ the object surface is uncoated, ~~in which case it~~ and has an interference effect produced by ~~is~~ the reflecting of visible light from the uncoated surface.

19. (Currently Amended) An object according to claim 17, ~~characterised in that it comprises, on~~ wherein said a second spot on the object surface, ~~a film like~~ comprises an optical coating, which creates a ~~given second~~ interference effect at a given wavelength of visible light.

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20. (Currently Amended) An object according to claim 19~~17~~, ~~characterised in that it comprises wherein there are~~ at least two coating layers on at least one spot.

21. (Currently Amended) An object according to claim 17, ~~characterised in that it is~~ wherein said object comprises a display or part thereof.

22. (Currently Amended) An object according to claim 17, ~~characterised in that it is~~ wherein said object comprises a mobile telecommunication device or part thereof.

23. (Currently Amended) An object according to claim 17, ~~characterised in that the~~ wherein said coatings comprise ~~are~~ metal compounds, ~~such as~~ MgF_2 .

24. (Currently Amended) An object according to claim 17, ~~characterised in that the~~wherein said coatings ~~are~~comprise non-metallic compounds, ~~such as SiO₂.~~

25. (Currently Amended) An object according to claim 17, ~~characterised in that it~~wherein said coating comprises coating layers in order to create a ~~hologram~~three-dimensional space effect.

26. (Currently Amended) An object according to claim 17, ~~characterised in that it comprises~~ wherein said coating areas in order to create alphabetic characters.

27. (Currently Amended) An object according to claim 17, ~~characterised in that it comprises~~wherein said coating areas in order to create form graphic symbols.

28. (Currently Amended) An object according to claim 27, ~~characterised in that in a coating area thereof, the~~wherein said graphic symbols designate ~~form the symbol of~~ the object's manufacturer.

29. (Currently Amended) An object according to claim 27, ~~characterised in that in a coating area thereof, certain~~ wherein said graphic symbols ~~form a part of~~designate the trade mark symbol of the object's manufacturer.

30. (Currently Amended) An object according to claim 17, ~~characterised in that~~wherein the coating thicknesses ~~are~~is within the range of 0.03 μm - 30 μm .

31. (Currently Amended) An object according to claim 17, ~~characterised in that it is~~comprising a product package.

32. (Currently Amended) An object according to claim 17, ~~characterised in that it is~~comprising a protective shell of a product.

33. (Currently Amended) An object according to claim 17, ~~characterised in that it is~~comprising a part of a product.

34. (Currently Amended) An object according to claim 17, ~~characterised in that it is~~comprising a part of a second~~another~~ product designed to be used in connection with ~~the~~a first product.

35. (Currently Amended) An object according to claim 17, ~~characterised in that it is~~comprising a guide for instructing how to use ~~the~~a product.

36. (Currently Amended) An object according to claim 17, ~~characterised in that it is~~comprising a certificate of guarantee of ~~the~~a product.

37. (Currently Amended) An object according to claim 17, ~~characterised in that it is a separate~~ comprising a certificate indicating the authenticity of ~~the~~ a product.

38. (Currently Amended) An object according to claim ~~11~~17, ~~characterised in that~~ wherein the identifier ~~comprises~~ is a self-luminous material.

39. (Currently Amended) An object according to claim 38, ~~characterised in that in the film like structure thereof, there is included~~ wherein the identifier includes material that causes phosphorescence in order to achieve self-luminosity.

40. (Currently Amended) An object according to claim 38, ~~characterised in that in the film like structure thereof, there is included~~ wherein the identifier includes material that causes fluorescence in order to achieve self-luminosity.

41. (New) A method for making an identifier on a surface of an object, comprising the steps of

forming a first area on the object surface a first interference effect visible at a predetermined wavelength of light,

forming a second area of said surface a second interference effect at said wavelength of light, said second interference effect being different from said first interference effect,

forming an identifier by coating an optical interference coating on at least one of said first area and second area.

42. (New) A method according to claim 41 in which said identifier is an open identifier made visible for the naked eye.

43. (New) A method according to claim 41 in which said identifier is a protected identifier which is made invisible to the naked eye.

44. (New) A method according to claim 43 in which said protected identifier is made sufficiently small as to be invisible for the naked eye.

45. (New) A method according to claim 43 in which said protected identifier is detectable by certain photon radiation but invisible to the naked eye.
